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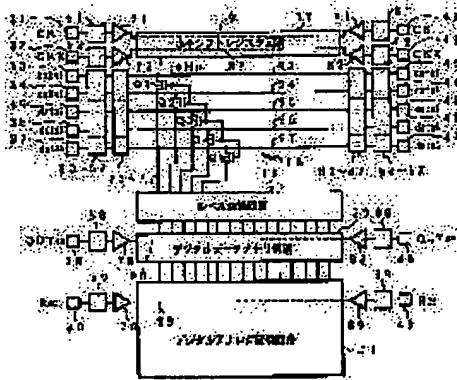
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(54) DRIVE CIRCUIT OF LIQUID CRYSTAL DISPLAY

(57)Abstract:

PROBLEM TO BE SOLVED: To generate a waveform deterioration by the digital signal showing the rapid rise and fall characteristics attributable to the capacity of aluminum wires themselves in the wires when the digital signal is inputted from one side of a liquid crystal panel.

SOLUTION: In a drive circuit of an active matrix liquid crystal display device of digital input system formed on a same transparent insulation substrate as a liquid crystal panel, input pads 31-39 and input pads 41-49 are arranged on each side of the liquid crystal panel, the clocks CK, CKX, the digital image data data 1-data 5, the output enable signal OUTen, and the reset signal Res are incorporated from each side of the liquid crystal panel, and inputted in signal lines 91, 92, data lines 91-97 and signal lines 98, 99 consisting of aluminum wires after the voltage is boosted and the waveform is shaped by level shift circuits 51-59, 61-69 and waveform shaping circuits 71-79, 81-89.



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